
SE

Unit-1

- Q. Water fall model.
- Q. Iterative model.
- Q. Need of srs, role of srs.

Unit-2

- Q. software project team organization.
- Q. coupling & cohesion.
- Q. design notation and specification (Structur chart).
- Q. functional approach vs object oriented approach.

Unit-3

- Q. programming practice.
- Q. software testing & types of software testing.

Unit-4

- Q. Types of UML diagram :- association, multiplicity, reflexive association, generalization, dependency relationship.
- Q. components of uml.
- Q. case study for hospital management system.

JAVA

Unit-1

- Q. history of java. deference between java & C++.
- Q. oop concept.
- Q. structure of java program.
- Q. data types use in java. & Array in java.
- Q. operators in java. & Control statements in java.

Unit-2

- Q. class, object and method.
- Q. types of constructor & constructor overloding.
- Q. garbage collection, finalized() method.
- Q. "this", "ststic" and "final" keyword.
- Q. access control : public, private, protected and default.

Unit-3

- Q. inheritance & types of inheritance.
- Q. runtime polymorphisum or dynamic method dispatch.
- Q. abstract classes & method.
- Q. interface
- Q. packages, types of it.

DB

Unit-1

- Q. evolution of db in india.
- Q. arly methods of data storage.
- Q. grouth or history of RDBMS.

Unit-2

- Q. datatypes of oracle
- Q. ddl, dml, tpl.
- Q. group by clause, defference between where clause and having clause.

Unit-3

- Q. what is data constrain & types of data constrains.
- Q. inbuilt functions, dual table.
- Q. sub-query and it type.
- Q. join and types of join.
- Q. schema objects.

PHP

Unit-1

- Q. features and advantages of php.
- Q. php and its data types.
- Q. looping, conditional statements.
- Q. built-in functions, array.

Unit-2

- Q. Form elements.
- Q. post & get method.
- Q. session, include and required.

Unit-3

- Q. MySQL architecture.
- Q. error handling.
- Q. what is MySQL how to create DB and table in php.
- Q. MySQL functions.

DCN

Unit-1

- Q. ancient methods of communication.
- Q. analog data and digital data.
- Q. data transmission modes.
- Q. types of transmission media.

Unit-2

- Q. different types of servers.
- Q. network topologies.
- Q. network devices.

Unit-3

- Q. switching techniques.
- Q. OSI model.
- Q. IP address scheme(classification of IP address)(a,b,c,d,e).

Unit-4

- Q. FTP.
- Q. SMTP.
- Q. HTTP protocol.